Bibliography for the Technical Workshop on Estuarine Habitat Exploring the Scientific Underpinnings of X2 and the Low Salinity Zone

Bennett, W. A. 2005. Critical assessment of the delta smelt population in the San Francisco Estuary, California. San Francisco Estuary and Watershed Science 3: Issue 2 Article 1. **

Bennett, W. A., W. J. Kimmerer, and J. R. Burau. 2002. Plasticity in vertical migration by native and exotic estuarine fishes in a dynamic low-salinity zone. Limnology and Oceanography 47: 1496–1507. ***

Dugdale, R. C., F. P. Wilkerson, V. E. Hogue, and A. Marchi. 2007. The role of ammonium and nitrate in spring bloom development in San Francisco Bay. Estuarine, Coastal, and Shelf Science 73: 17-29. ***

Enright, C., and S. D. Culberson. 2009. Salinity trends, variability, and control in the northern reach of the San Francisco Estuary. San Francisco Estuary and Watershed Science, 7(2). *©*

Feyrer, F., K. Newman, M. Nobriga, and T. Sommer. 2011. Modeling the effects of future outflow on the abiotic habitat of an imperiled estuarine fish. Estuaries and Coasts 34: 120-128. *★*▼

http://www.water.ca.gov/aes/docs/FeyrerNewmanNobrigaSommer2010.pdf See also http://www.erf.org/cesn/november-2010#article2

Feyrer, F., M. L. Nobriga, and T. R. Sommer. 2007. Multi-decadal trends for three declining fish species: habitat patterns and mechanisms in the San Francisco Estuary, California, U.S.A. Canadian Journal of Fisheries and Aquatic Sciences 64: 723-734. **

Hobbs, J. A., W. A. Bennett, and J. E. Burton. 2006. Assessing nursery habitat quality for native smelts (Osmeridae) in the low-salinity zone of the San Francisco estuary. Journal of Fish Biology 609: 907-922. ***

Jassby, A. D. 2008. Phytoplankton in the Upper San Francisco Estuary: Recent Biomass Trends, Their Causes and Their Trophic Significance. San Francisco Estuary and Watershed Science. 1-24. *

Jassby, A. D., W. J. Kimmerer, S. G. Monismith, C. Armor, J. E. Cloern, T. M. Powell, J. R. Schubel, and T. J. Vendlinski. 1995. Isohaline position as a habitat indicator for estuarine populations. Ecological Applications 5: 272-289. ★★★

Kimmerer, W. J. 2002. Effects of freshwater flow on abundance of estuarine organisms: physical effects or trophic linkages? Marine Ecology Progress Series 243: 39-55. ***

Kimmerer, W. J. 2005. Long-term changes in apparent uptake of silica in the San Francisco estuary. Limnology and Oceanography 50: 793-798. ❖

Kimmerer, W. J. 2006. Response of anchovies dampens effects of the invasive bivalve *Corbula amurensis* on the San Francisco Estuary foodweb. Marine Ecology Progress Series 324: 207-218. ❖

Kimmerer, W. J., W. A. Bennett, and J. R. Burau. 2002. Persistence of tidally-oriented vertical migration by zooplankton in a temperate estuary. Estuaries 25: 359-371. ❖*

Kimmerer, W. J., E. S. Gross, and M. L. MacWilliams. 2009. Is the response of estuarine nekton to freshwater flow in the San Francisco Estuary explained by variation in habitat volume? Estuaries and Coasts 32:375-389. ◎*♥

Mac Nally, R, Thompson, JR, Kimmerer, WJ, Feyrer, F, Newman, KB, Sih, A, Bennett, WA, Brown, L, Fleishman, E, Culberson, SD, Castillo, G. 2010. An analysis of pelagic species decline in the upper San Francisco Estuary using multivariate autoregressive modelling (MAR). Ecological Applications 20: 1417-1430. ◎*♥. http://www.esajournals.org/doi/abs/10.1890/09-1724.1

Monismith, S. G., W. J. Kimmerer, J. R. Burau, and M. T. Stacey. 2002. Structure and flow-induced variability of the subtidal salinity field in northern San Francisco Bay. Journal of Physical Oceanography 32: 3003-3019. ***

Nobriga, M., T. Sommer, F. Feyrer, and K. Fleming. 2008. Long-term trends in summertime habitat suitability for delta smelt, *Hypomesus transpacificus*. San Francisco Estuary and Watershed Science 6: Issue 1 Article 1. ***

Ruhl, C.A., and Schoellhamer, D.H., 2004, Spatial and Temporal Variability of Suspended-Sediment Concentrations in a Shallow Estuarine Environment: San Francisco Estuary and Watershed Science. v. 2, no. 2, article 1. © * http://repositories.cdlib.org/jmie/sfews/vol2/iss2/art1

Schoellhamer, D. H. 2001. Influence of salinity, bottom topography, and tides on locations of estuarine turbidity maxima in northern San Francisco Bay. Coastal and estuarine fine sediment processes, eds. W. H. McAnally and A. J. Mehta, 343-356: Amsterdam: Elsevier. ***

Schoellhamer, DH. 2011. Sudden clearing of estuarine waters upon crossing the threshold from transport to supply regulation of sediment transport as an erodible sediment pool is depleted: San Francisco Bay, 1999. Estuaries and Coasts 35: DOI 10.1007/s12237-011-9382-x. *◎*♥

http://bayplanningcoalition.org/wp-content/uploads/Schoellhamer-2001-sudden-clearing.pdf

Thomson, JR, Kimmerer, WJ, Brown, LR, Newman, KB, Mac Nally, R, Bennett, WA, Feyrer, F, Fleishman, E. 2010. Bayesian change-point analysis of abundance trends for pelagic fishes in the upper San Francisco Estuary. Ecological Applications 20: 1431-1448. ⊚*♥

Winder, M., Jassby, A. D. 2010. Shifts in Zooplankton Community Structure: Implications for Food Web Processes in the Upper San Francisco Estuary. Estuaries and Coasts 34:675–690 **

York, J., B. Costas, and G. Mcmanus. 2010. Microzooplankton grazing in green water—results from two contrasting estuaries. Estuaries and Coasts 34: 373-385.

- © Papers recommended by M. Nobriga
- ♥ Papers featured as "Peer-Reviewed Publications" by IEP
- * Papers initially suggested by Tim V. for analysis by ASC on 02.24.12

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^{*} Papers recommended by B. Herbold

[❖] Papers recommended by W. Kimmerer

^{*} Papers recommended by A. Mueller-Solger